## **EAST Search History**

## EAST Search History (Prior Art)

| Ref<br># | Hits | Search Query  | DBs                    | Default<br>Operator | Plurals | Time Stamp          |
|----------|------|---|------------------------|---------------------|---------|---------------------|
| L14      | 1320 | 455/452.1.ccls.   | US-<br>PGPUB;<br>USPAT | OR                  | ON      | 2009/12/15<br>17:31 |
| L15      | 498  | 14 and (((channel or resource) with allocat\$3) same (time or slot or (unit near3 time)))   | US-<br>PGPUB;<br>USPAT | OR                  | ON      | 2009/12/15<br>17:32 |
| L16      | 491  | 15 and (sector or partition or cell or BS or (base near3 station))  | US-<br>PGPUB;<br>USPAT | OR                  | ON      | 2009/12/15<br>17:32 |
| L17      | 498  | 14 and (((channel or resource) with allocat\$3) same (time or slot or (unit near3 time) same (sector partition cell bs (base near3 station))))          | US-<br>PGPUB;<br>USPAT | OR                  | ON      | 2009/12/15<br>17:33 |
| L18      | 498  | 14 and (((channel or resource) with<br>allocat\$3) same (time or slot or (unit<br>near3 time) with (sector partition cell<br>bs (base near3 station)))) | US-<br>PGPUB;<br>USPAT | OR                  | ON      | 2009/12/15<br>17:33 |
| L19      | 367  | 14 and (((channel or resource) with allocat\$3) with (time or slot or (unit near3 time) with (sector partition cell bs (base near3 station))))          | US-<br>PGPUB;<br>USPAT | OR                  | ON      | 2009/12/15<br>17:33 |
| L20      | 1    | ("20040097238").PN.   | US-<br>PGPUB;<br>USPAT | OR                  | OFF     | 2009/12/15<br>19:21 |
| L21      | 3349 | (455/450).COLS.   | US-<br>PGPUB;<br>USPAT | OR                  | OFF     | 2009/12/15<br>20:11 |
| L22      | 258  | ((sector or partition or divid\$5) with user) and L21   | US-<br>PGPUB;<br>USPAT | OR                  | OFF     | 2009/12/15<br>20:11 |
| L23      | 1211 | (455/453).COLS.   | US-<br>PGPUB;<br>USPAT | OR                  | OFF     | 2009/12/15<br>20:11 |
| L24      | 1320 | (455/452.1).OOLS.   | US-<br>PGPUB;<br>USPAT | OR                  | OFF     | 2009/12/15<br>20:11 |
| L25      | 1282 | (455/452.2).OOLS  | US-<br>PGPUB;<br>USPAT | OR                  | OFF     | 2009/12/15<br>20:11 |
| L26      | 2217 | (455/562.1).OCLS  | US-<br>PGPUB;<br>USPAT | OR                  | OFF     | 2009/12/15<br>20:11 |
| L27      | 882  | (455/575.7).OOLS  | US-<br>PGPUB;<br>USPAT | OR                  | OFF     | 2009/12/15<br>20:11 |

| L28 | 628   | (455/103).CCLS.   | US-<br>PGPUB;<br>USPAT | OR | OFF | 2009/12/15<br>20:11 |
|-----|-------|---|------------------------|----|-----|---------------------|
| L29 | 157   | ((sector\$3 or partition or beam\$3 or<br>adaptiv\$3) with antenna) and L23               | US-<br>PGPUB;<br>USPAT | OR | OFF | 2009/12/15<br>20:11 |
| L30 | 0     | (determin\$3 near3 gain) with (radio<br>near3 link) with partition                        | US-<br>PGPUB;<br>USPAT | OR | OFF | 2009/12/15<br>20:11 |
| L31 | 0     | (determin\$3 near3 gain) with (radio<br>near3 link) same partition                        | US-<br>PGPUB;<br>USPAT | OR | OFF | 2009/12/15<br>20:11 |
| L32 | 0     | determin\$3 with gain with (radio near3 link) same partition                              | US-<br>PGPUB;<br>USPAT | OR | OFF | 2009/12/15<br>20:11 |
| L33 | 38    | determin\$3 with gain with partition  | US-<br>PGPUB;<br>USPAT | OR | OFF | 2009/12/15<br>20:11 |
| L34 | 0     | (poisson near3 distribution) with partition   | US-<br>PGPUB;<br>USPAT | OR | OFF | 2009/12/15<br>20:11 |
| L35 | 1     | (poisson near3 distribution) with (partition or sector)                                   | US-<br>PGPUB;<br>USPAT | OR | OFF | 2009/12/15<br>20:11 |
| L36 | 141   | (poisson near3 distribution) with (cell or sector)  | US-<br>PGPUB;<br>USPAT | OR | OFF | 2009/12/15<br>20:11 |
| L37 | 7     | L36 and "455"/\$  | US-<br>PGPUB;<br>USPAT | OR | OFF | 2009/12/15<br>20:11 |
| L38 | 1211  | 455/453.ccls.   | US-<br>PGPUB;<br>USPAT | OR | OFF | 2009/12/15<br>20:11 |
| L39 | 123   | (maximum with user) and L38   | US-<br>PGPUB;<br>USPAT | OR | OFF | 2009/12/15<br>20:11 |
| L40 | 12667 | maximum with number with user\$1  | US-<br>PGPUB;<br>USPAT | OR | OFF | 2009/12/15<br>20:11 |
| L41 | 69    | L40 and L38   | US-<br>PGPUB;<br>USPAT | OR | OFF | 2009/12/15<br>20:11 |
| L42 | 5     | "718412".ap.  | US-<br>PGPUB;<br>USPAT | OR | OFF | 2009/12/15<br>20:11 |
| L43 | 13    | OFDM with (sector or partition) with<br>(channel or frequency or user) with<br>allocat\$3 | US-<br>PGPUB;<br>USPAT | OR | OFF | 2009/12/15<br>20:11 |
| L44 | 8     | determin\$3 with user\$1 with poisson   | US-<br>PGPUB;<br>USPAT | OR | OFF | 2009/12/15<br>20:11 |

| L45 | 98    | regulat\$3 with transmit\$3 with power with gain                              | US-<br>PGPUB;<br>USPAT | OR | OFF | 2009/12/15<br>20:11 |
|-----|-------|---|------------------------|----|-----|---------------------|
| L46 | 10551 | (370/341,328,329,330,332).OCLS.   | US-<br>PGPUB;<br>USPAT | OR | OFF | 2009/12/15<br>20:11 |
| L47 | 104   | ((channel near3 allocat\$3) with<br>(partition or sector or section)) and L46 | US-<br>PGPUB;<br>USPAT | OR | OFF | 2009/12/15<br>20:11 |
| L48 | 3349  | ((455/450).COLS.  | US-<br>PGPUB;<br>USPAT | OR | OFF | 2009/12/15<br>20:11 |
| L49 | 258   | ((sector or partition or divid\$5) with user) and L48                         | US-<br>PGPUB;<br>USPAT | OR | OFF | 2009/12/15<br>20:11 |
| L50 | 1211  | (455/453).COLS.   | US-<br>PGPUB;<br>USPAT | OR | OFF | 2009/12/15<br>20:11 |
| L51 | 1320  | (455/452.1).COLS.   | US-<br>PGPUB;<br>USPAT | OR | OFF | 2009/12/15<br>20:11 |
| L52 | 1282  | (455/452.2).COLS.   | US-<br>PGPUB;<br>USPAT | OR | OFF | 2009/12/15<br>20:11 |
| L53 | 2217  | (455/562.1).COLS.   | US-<br>PGPUB;<br>USPAT | OR | OFF | 2009/12/15<br>20:11 |
| L54 | 882   | (455/575.7).COLS.   | US-<br>PGPUB;<br>USPAT | OR | OFF | 2009/12/15<br>20:11 |
| L55 | 628   | (455/103).COLS.   | US-<br>PGPUB;<br>USPAT | OR | OFF | 2009/12/15<br>20:11 |
| L56 | 157   | (((sector\$3 or partition or beam\$3 or<br>adaptiv\$3) with antenna) and L50  | US-<br>PGPUB;<br>USPAT | OR | OFF | 2009/12/15<br>20:11 |
| L57 | 0     | (determin\$3 near3 gain) with (radio<br>near3 link) with partition            | US-<br>PGPUB;<br>USPAT | OR | OFF | 2009/12/15<br>20:11 |
| L58 | 0     | (determin\$3 near3 gain) with (radio<br>near3 link) same partition            | US-<br>PGPUB;<br>USPAT | OR | OFF | 2009/12/15<br>20:11 |
| L59 | 0     | determin\$3 with gain with (radio near3 link) same partition                  | US-<br>PGPUB;<br>USPAT | OR | OFF | 2009/12/15<br>20:11 |
| L60 | 38    | determin\$3 with gain with partition  | US-<br>PGPUB;<br>USPAT | OR | OFF | 2009/12/15<br>20:11 |
| L61 | 0     | (poisson near3 distribution) with partition                                   | US-<br>PGPUB;<br>USPAT | OR | OFF | 2009/12/15<br>20:11 |

| L62          | 1     | (poisson near3 distribution) with (partition or sector)                             | US-<br>PGPUB;<br>USPAT | OR | OFF | 2009/12/15<br>20:11 |
|--------------|-------|---|------------------------|----|-----|---------------------|
| L63          | 141   | (poisson near3 distribution) with (cell or sector)                                  | US-<br>PGPUB;<br>USPAT | OR | OFF | 2009/12/15<br>20:11 |
| L64          | 7     | L63 and "455"/\$  | US-<br>PGPUB;<br>USPAT | OR | OFF | 2009/12/15<br>20:11 |
| L65          | 1211  | 455/453.ocls.   | US-<br>PGPUB;<br>USPAT | OR | OFF | 2009/12/15<br>20:11 |
| L66          | 123   | (maximum with user) and L65   | US-<br>PGPUB;<br>USPAT | OR | OFF | 2009/12/15<br>20:11 |
| L67          | 12667 | maximum with number with user\$1  | US-<br>PGPUB;<br>USPAT | OR | OFF | 2009/12/15<br>20:11 |
| L68          | 69    | L67 and L65   | US-<br>PGPUB;<br>USPAT | OR | OFF | 2009/12/15<br>20:11 |
| L69          | 5     | "718412".ap.  | US-<br>PGPUB;<br>USPAT | OR | OFF | 2009/12/15<br>20:11 |
| L <b>7</b> 0 | 13    | OFDM with (sector or partition) with (channel or frequency or user) with allocat\$3 | US-<br>PGPUB;<br>USPAT | OR | OFF | 2009/12/15<br>20:11 |
| L71          | 8     | determin\$3 with user\$1 with poisson   | US-<br>PGPUB;<br>USPAT | OR | OFF | 2009/12/15<br>20:11 |
| L72          | 98    | regulat\$3 with transmit\$3 with power with gain                                    | US-<br>PGPUB;<br>USPAT | OR | OFF | 2009/12/15<br>20:11 |
| L73          | 10551 | (370/341,328,329,330,332).OOLS.   | US-<br>PGPUB;<br>USPAT | OR | OFF | 2009/12/15<br>20:11 |
| L74          | 104   | ((channel near3 allocat\$3) with<br>(partition or sector or section)) and L73       | US-<br>PGPUB;<br>USPAT | OR | OFF | 2009/12/15<br>20:11 |
| L75          | 7     | nortel.as. and robson.in.   | US-<br>PGPUB;<br>USPAT | OR | OFF | 2009/12/15<br>20:11 |

## EAST Search History (Interference)

< This search history is empty>

## 12/ 15/ 2009 8:14:09 PM

C:\ Documents and Settings\ ucho\ My Documents\ EAST\ Workspaces\ 10718412(channel allocation in the partition).wsp